

Appl. No. 10/605,096
Amdt. dated May 05, 2005
Reply to Office action of February 07, 2005

AMENDMENTS TO THE CLAIMS

1. (currently amended) A complex peripheral module applied to a computer apparatus, the computer apparatus comprising a housing, and a main board positioned inside the housing, the housing ~~forming~~ having an assembly space having dimensions to contain a ~~standard-height~~ standard-height peripheral device, the complex peripheral module comprising:
- 10 a plurality of slim peripheral devices, each peripheral device having a thickness the sum of the heights of the plurality of slim peripheral devices being less than the height of the assembly space standard-height peripheral device;
- 15 a frame having a plurality of side walls ~~connecting~~ connected to each other, the plurality of side walls defining [[a]] an internal containing chamber whose external dimensions matching match the assembly space ~~such that the plurality of peripheral devices are contained in the containing chamber, and the frame and the housing being assembled and fixed in the assembly space~~ , the plurality of slim peripheral devices being stacked within the containing chamber and the frame being disposed within the assembly space; and
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- 25 a signal transferring device mounted [[in]] on the frame for transferring signals from the slim

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peripheral devices to the main board;
wherein the plurality of slim peripheral devices are
simultaneously positioned in the assembly space by the
frame and the signal transferring device.

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2. (currently amended) The complex peripheral module of
claim 1 further comprising a plurality of connecting
components such that the slim peripheral devices are
mounted on the side walls.

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3. (currently amended) The complex peripheral module of
claim 2 wherein each connecting component comprises
an opening on the side wall of the frame, a threaded
hole on a wall of the slim peripheral device, and a
15 screw passing through the opening and screwed into the
threaded hole so that the slim peripheral device and
the frame are fixed together.

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4. (currently amended) The complex peripheral module of
claim 2 wherein each connecting component comprises:
an orientation hole and a non-circular hole in the
side wall of the frame;
a hole on a wall of the slim peripheral device
corresponding to the orientation hole; and
25 a fastener having a protrusion and a rotatable
bolt;

wherein the protrusion fits into the orientation
hole of the frame and the hole of the slim

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peripheral device, and the bolt fits into the non-circular hole and can be rotated such that the slim peripheral device and the frame are assembled.

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5. (currently amended) The complex peripheral module of claim 1 wherein the signal transferring device further comprises a circuit board with a transferring circuit and a plurality of flexible flat cables electrically
10 connected to the circuit board, the flexible flat cables being electrically connected to the slim peripheral devices and the main board at another end.

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6. (currently amended) The complex peripheral module of claim 1 wherein the plurality of slim peripheral devices comprises a floppy disc and an interface display.

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7. (new) The complex peripheral module of claim 1 wherein the frame comprises three side walls that form an open U-shaped box with each of the two parallel side walls having at least two sets of openings, each set of openings for connecting to one slim peripheral device, the openings of each set being at the same height as
25 measured along a vector parallel to all three side walls, and the sets of openings being equally spaced along the vector.

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8. (new) The complex peripheral module of claim 7 wherein the signal transferring device is screw-mounted to the frame and in parallel with the middle side wall of the open U-shaped box:

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